

Figure 1

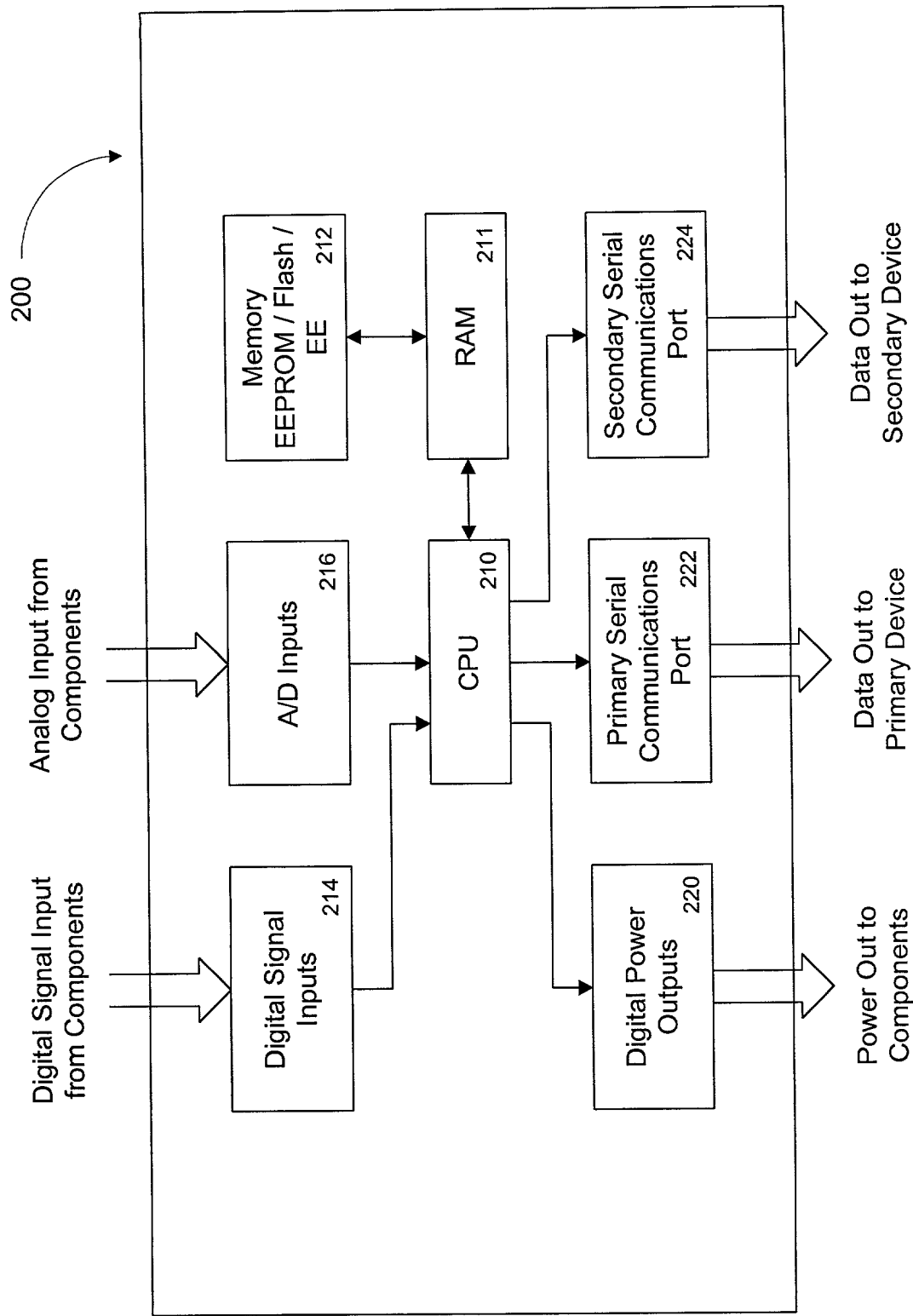
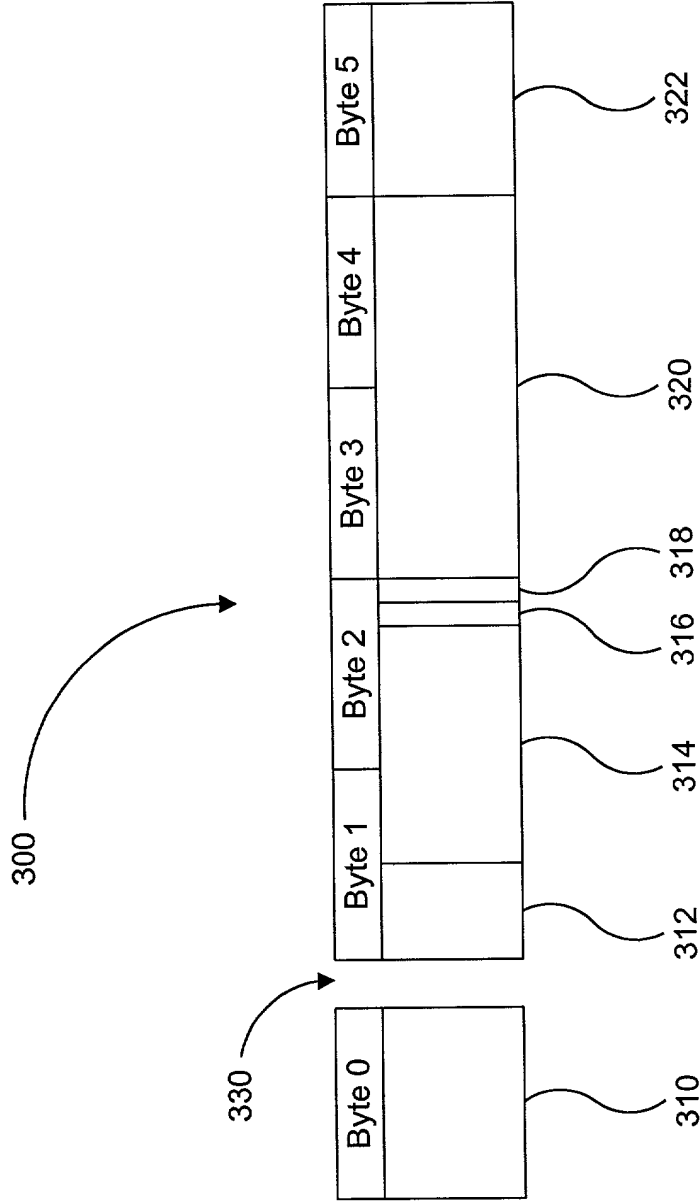


Figure 2



V-MUX SIX-BYTE PROTOCOL

Figure 3

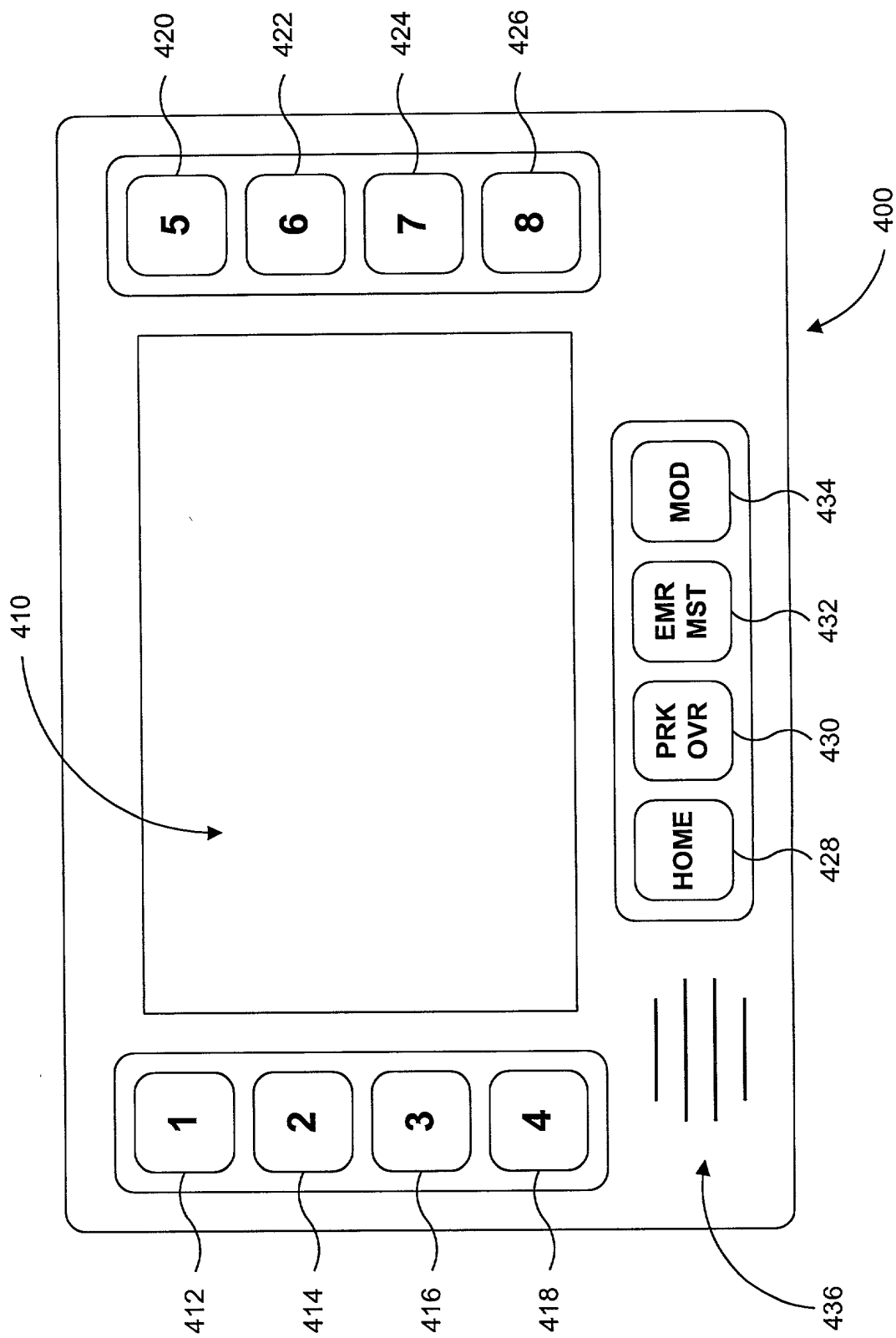


Figure 4

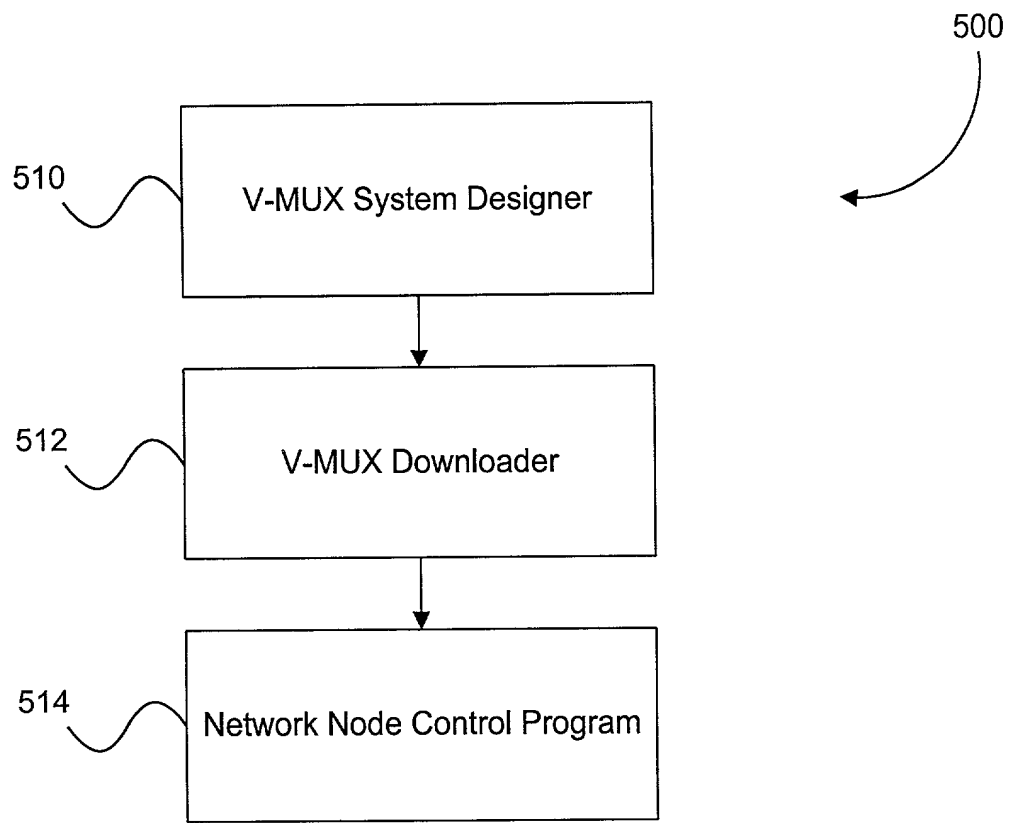


Figure 5

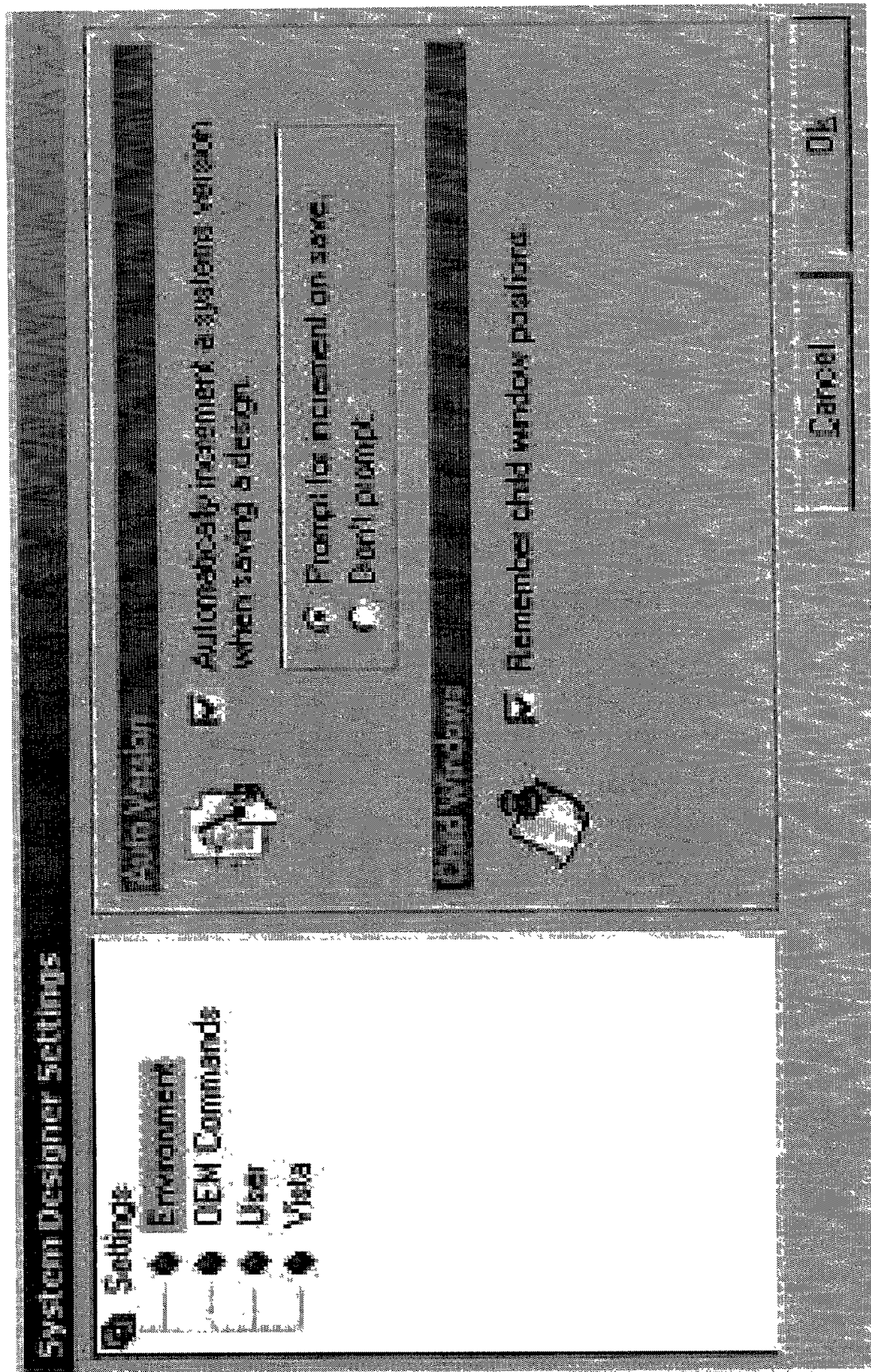


Figure 6A

System Designer Settings



Settings



Environment



OEM Commands



User



Vista

OEM Proprietary Commands



- (01) OEM Proprietary 01
- (02) OEM Proprietary 02
- (03) My Command
- (04) OEM Proprietary 04
- (05) OEM Proprietary 05
- (06) OEM Proprietary 06
- (07) OEM Proprietary 07
- (08) OEM Proprietary 08
- (09) OEM Proprietary 09
- (10) OEM Proprietary 10

My Command



Altering previously defined command descriptions will affect previously saved designs!

Cancel

Ok

Figure 6B

System Designer Settings

Settings


Environment

DEM Commands

Usa1

Viata

Company Information



Name

ABC Body Builder

Address

1234 Main St

City

Columbus

State

OH


Zip

43228

Mailto

MUX@Baby1

User Information



Name

John Multiplex

Title

Electrical Designer

Cancel

OK

Figure 6C

224400.1
71044/03786

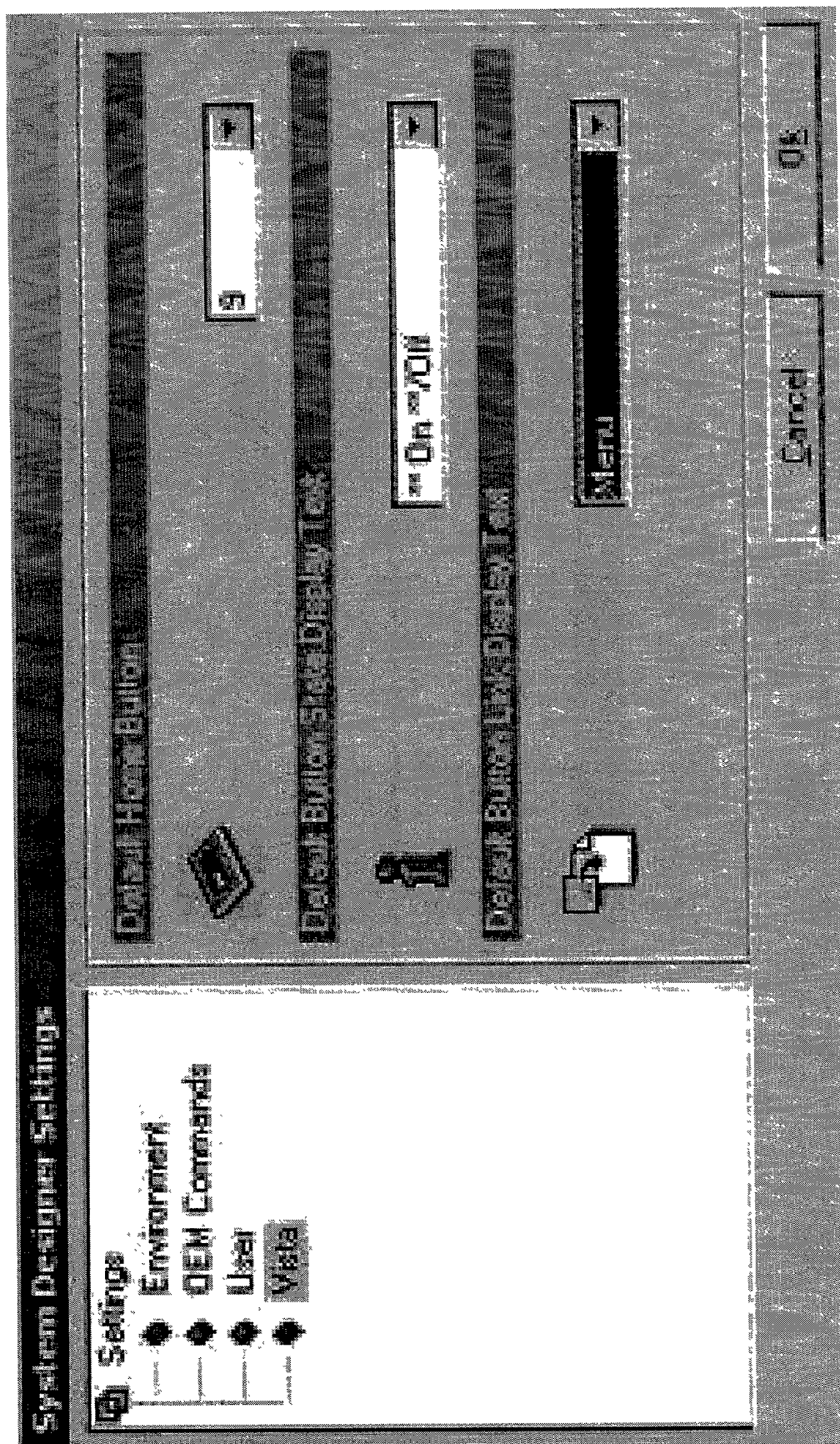


Figure 6D

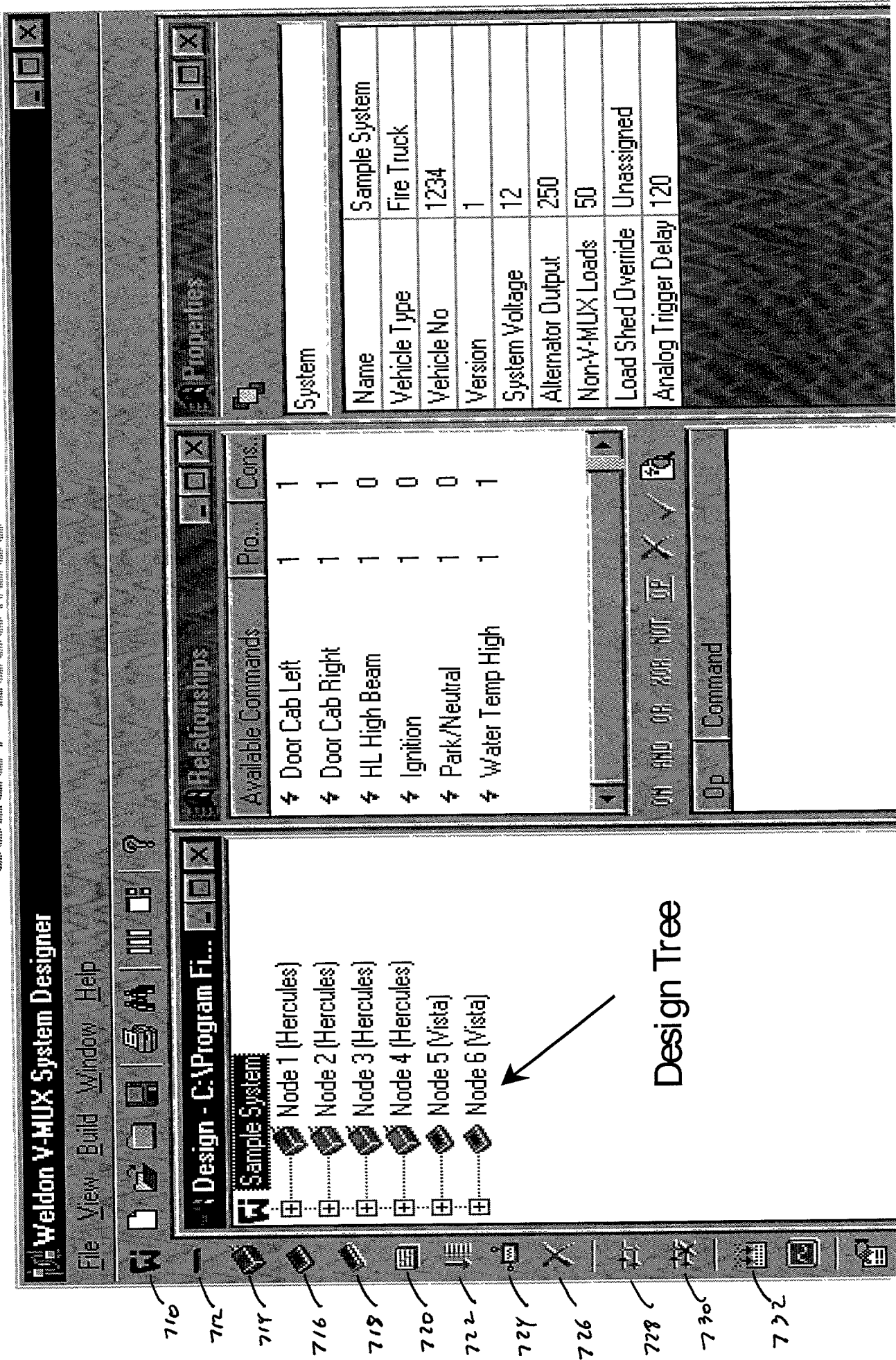


Figure 7

Properties



Mode 1

810

812

Name

Node Type

Load

x Location

y Location

Library Space

Node 1

Hercules

6

Center

Front

0.10240 free

Shows the System defined name of this Mode (Read Only).

FIGURE 8

800

Properties



Input 1

Name	Door Rear
Type	Latching N/O
Command	Door Rear
On State	Ground
Three Way	False
Pin	34

Properties of Door Rear

Figure 9

Properties



Input 18

Name	Water Temperature
Priority	Low
Data Type	Temperature
Calibration Data	(data)
Send Data As	Water Temperature
Threshold Command	Water Temp High
Pin	32

FIGURE 10

Calibration data for Training Temp Sensor (Mode 1)

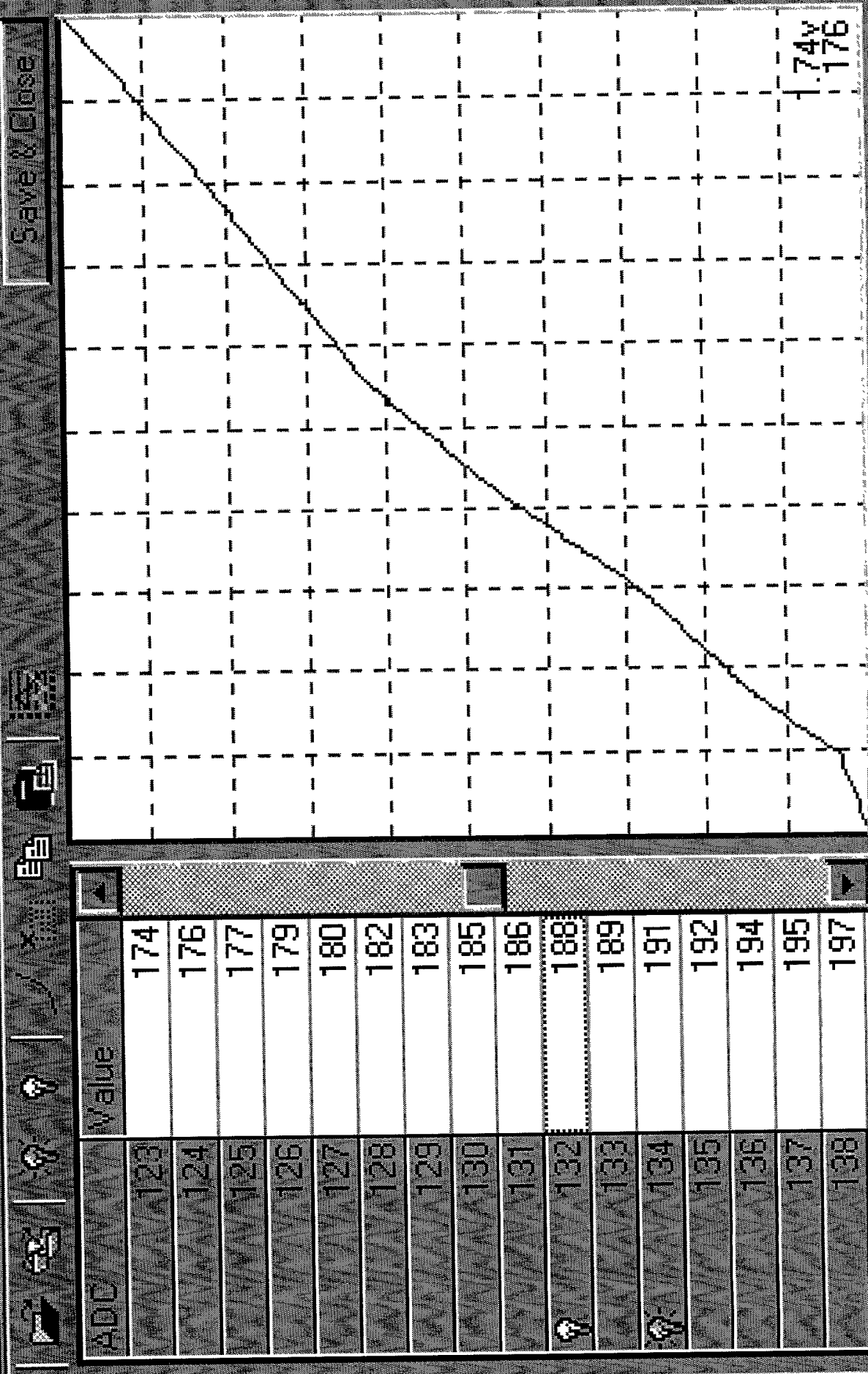


Figure 11

Properties

Output 7

Name	Warning Horn
Device	Unassigned
Volts	12
Wattage	12
Amps	1
Permanently On	False
Flashing	True
Flash Phase	A
Flash Rate	80
PWM %	N/A
Load Shed Value	No Shed
Sequencing	0
Diagnostics	True
Capacity	10.5
Bound To	(none)
Pin	H

Figure 12

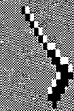
Relationships

Available Commands

- * Door Cab Left
- * Door Cab Right
- * HL High Beam
- * Ignition
- * **Park/Neutral**
- * Water Temp High

← 1310

ON AND OR XOR NOT OP



Op Command

ON Water Temp High

← 1312

FIGURE 13

Design - C:\Program Fi...

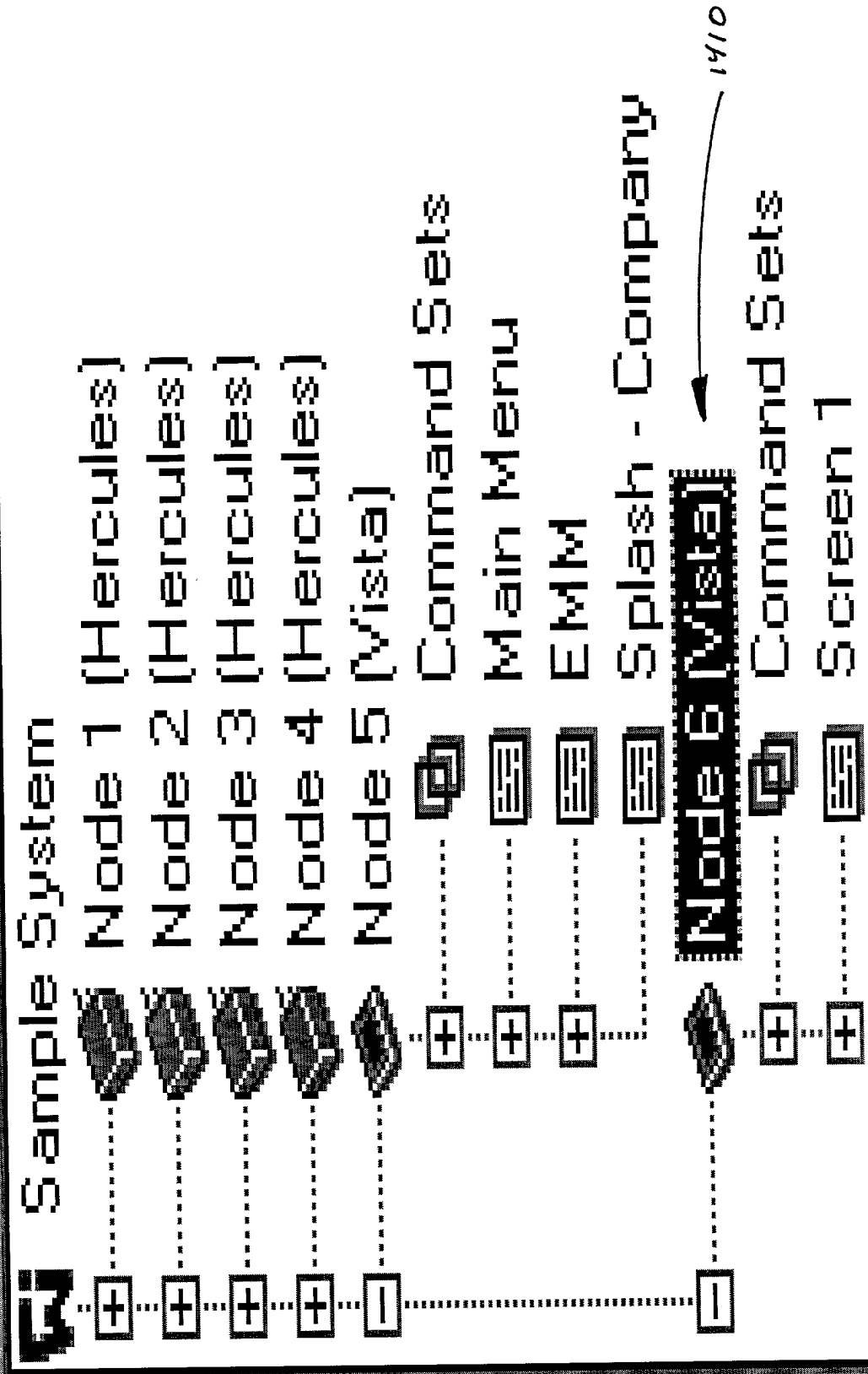
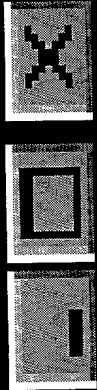


FIGURE 14

Properties



Screen 1

Main Menu

Menu

Nothing

Name

Screen Type

On Entry Execute

Title Line 1

Title Line 2

Title Justify

Information

Center

N/A

Figure 15

Properties

Node 5

Name	Node 5
Node Type	Vista
Default Title	ABC Rescue
Default Title Justify	Center
Home Screen	Main Menu
Splash Screen	Splash - Company
Splash Duration	3
Alert Beep	Style 3
Button Beep	Style 2
Multi-Level Delay	6
Show Analog Warning	True
Show Diagnostics	True
Show LoadShed	True
x Location	Center
y Location	Front
Library Space	0,10240 free

Sets if this display will show analog warning information broadcast by the system.

Figure 16

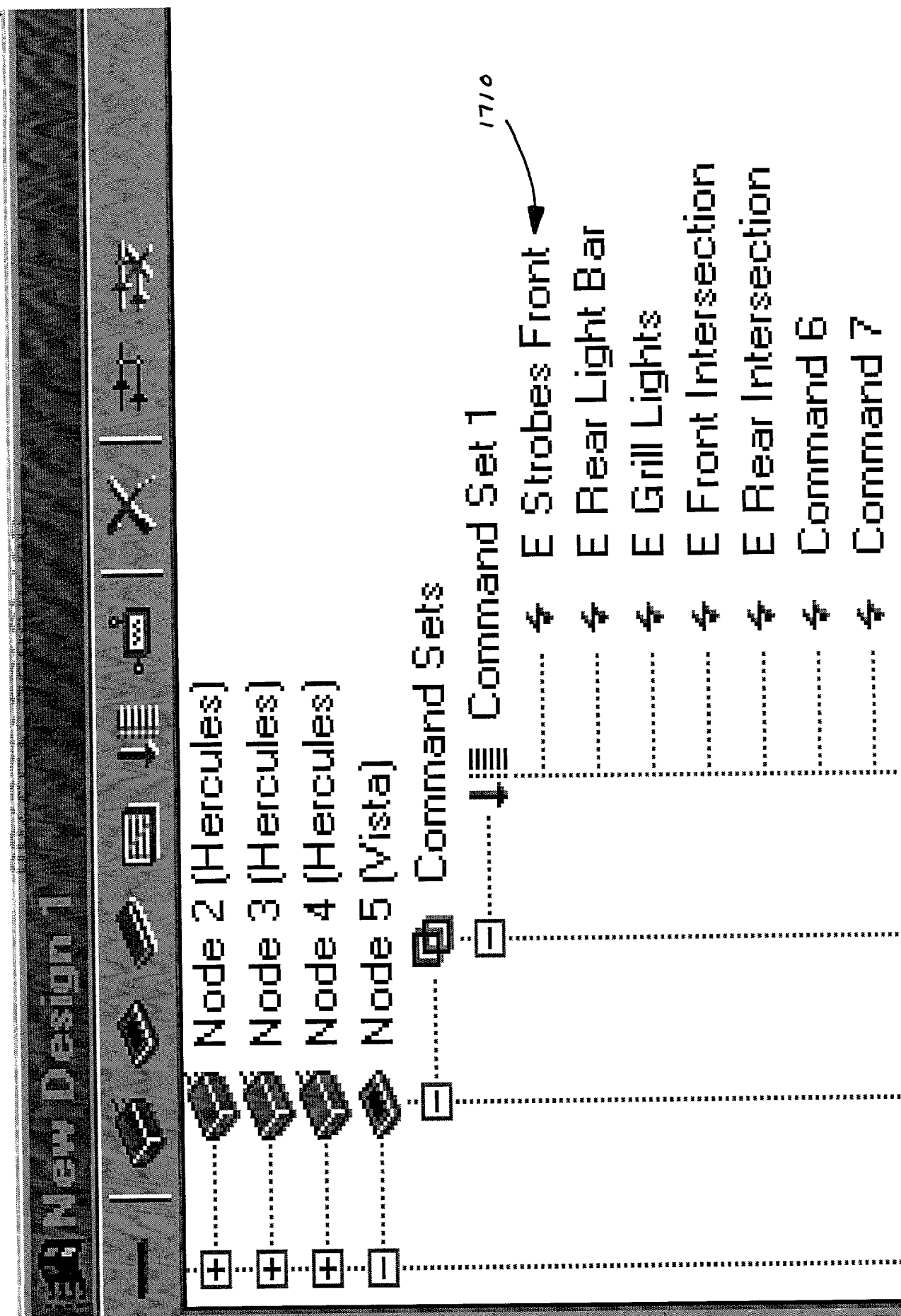
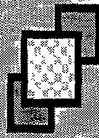


FIGURE 17

Properties



Command 1

Name	E Strobes Front
Command	E Strobes Front
State	On
Extended	False
Data	0

Properties of E Strobes Front

FIGURE 18

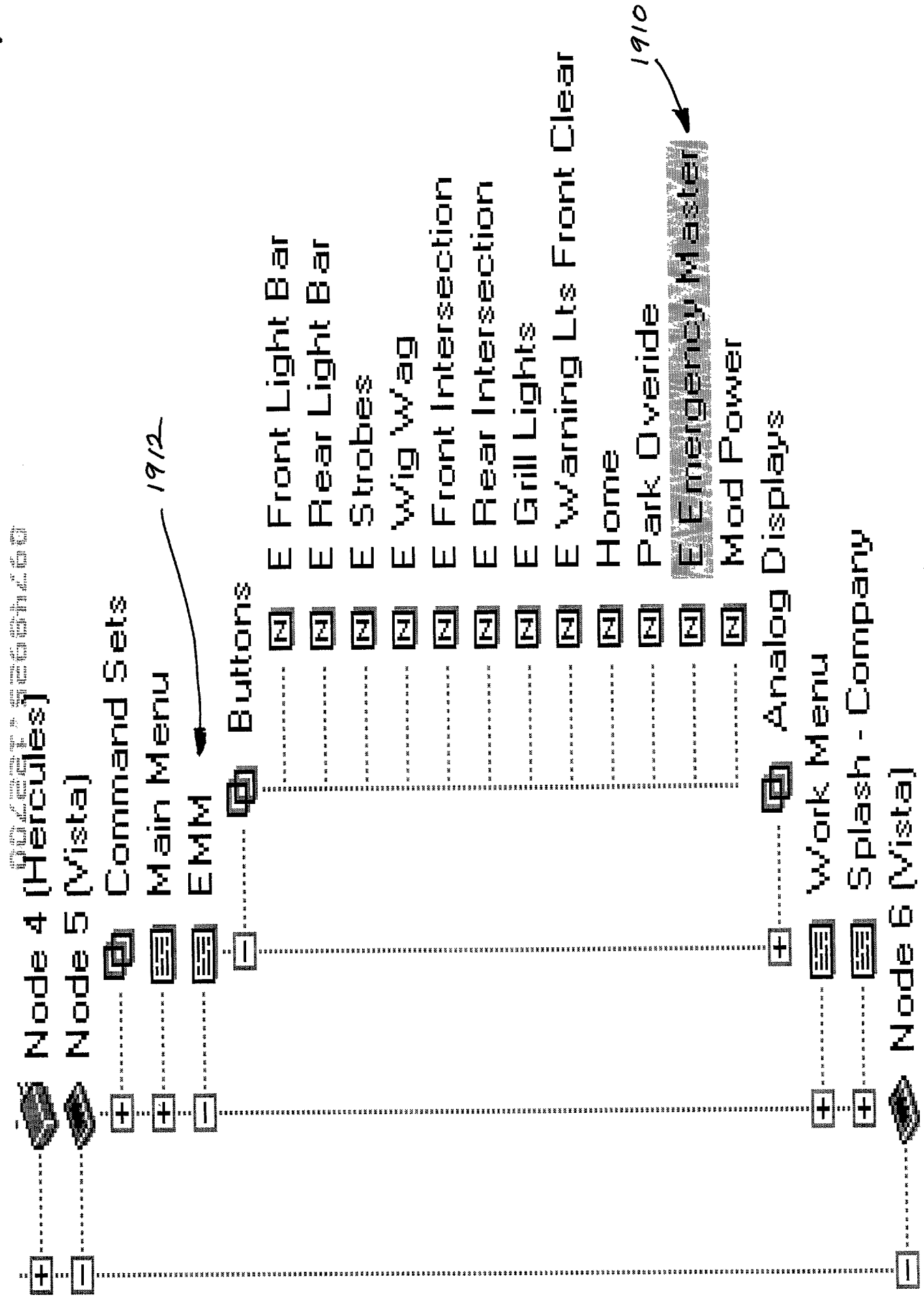


Figure 19

Properties



Button 17

Name	E Emergency Master
Button Type	Switch
Behavior	Virtual
Command	E Emergency Master
Displays	** ON ** /OFF
Off Execute	Command Set 2
On Execute	Command Set 1
Link	N/A
Levels	N/A
Node	N/A
Channel A	N/A
Channel B	N/A

Properties of E Emergency Master

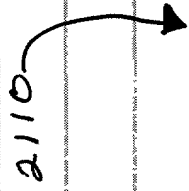
FIGURE 20

Properties



Button 11

Name	EMM
Button Type	Screen Link
Behavior	N/A
Command	N/A
Displays	Menu
Off Execute	N/A
On Execute	N/A
Link	EMM
Levels	Work Menu
Node	Splash - Company
Channel A	N/A
Channel B	N/A



Sets the screen this button links to if <Button Type> is set to <Screen Link>.

FIGURE 21

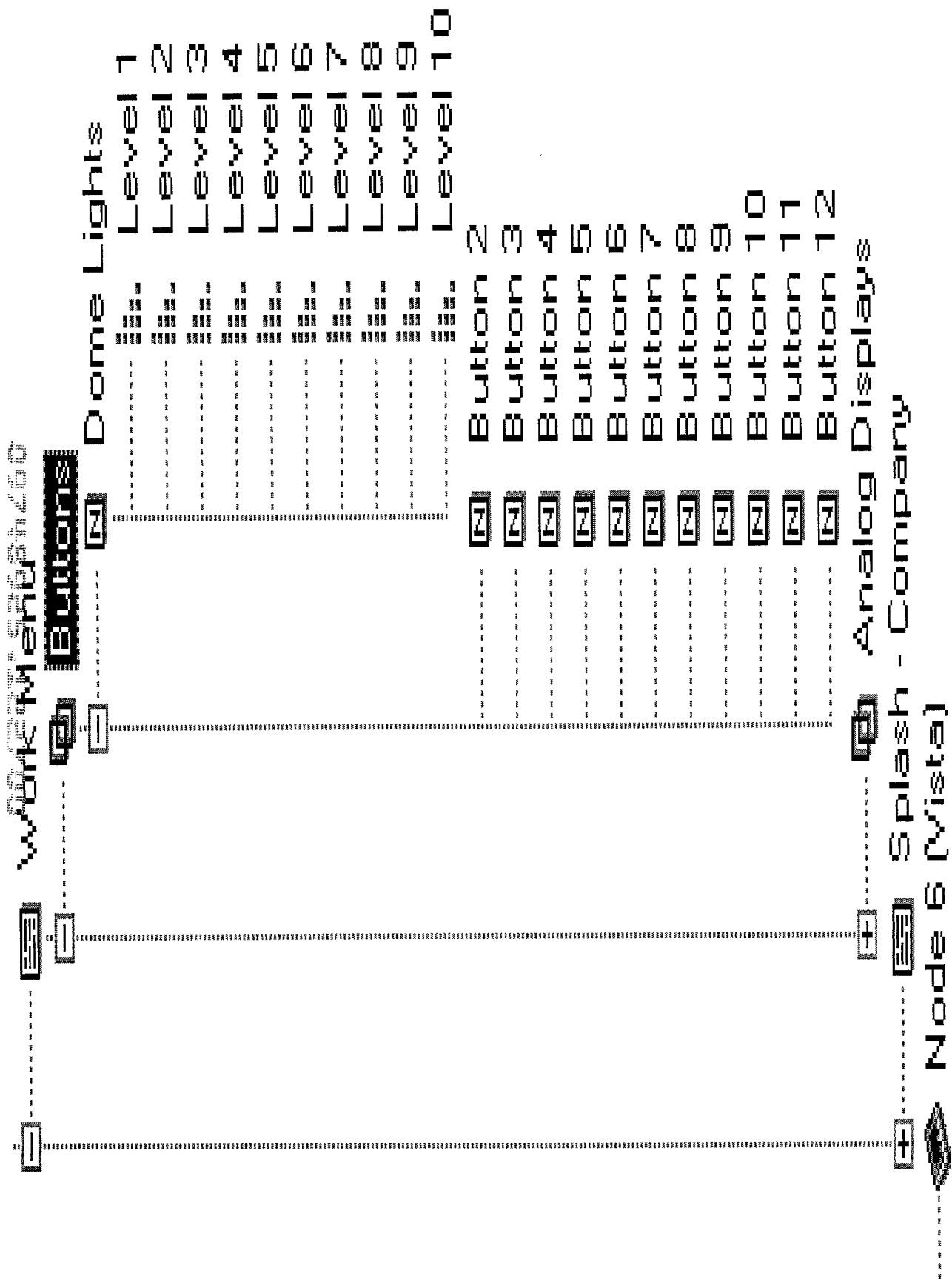


FIGURE 22

Properties

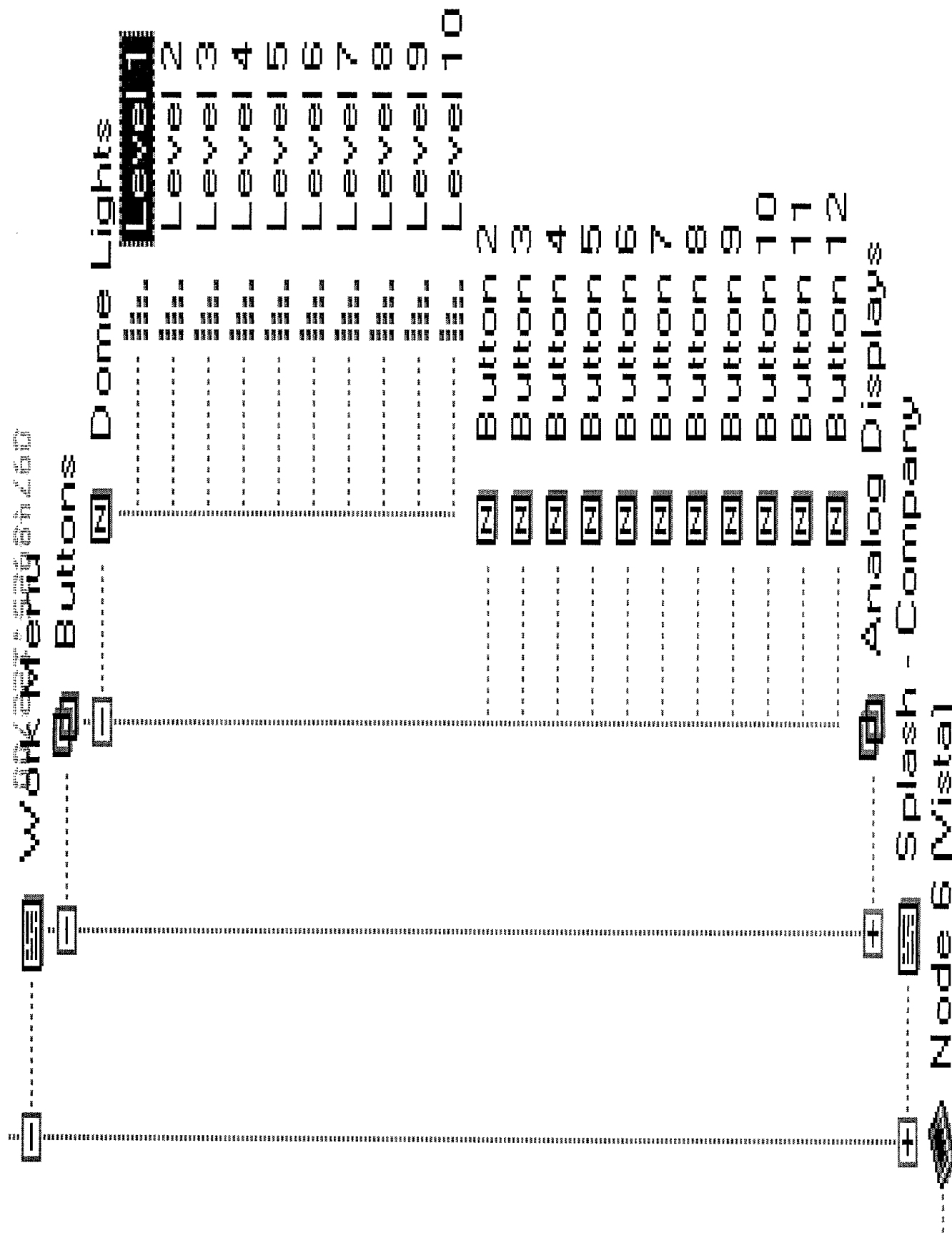


Button 1

Name	Dome Lights
Button Type	Multi-Level PwM
Behavior	N/A
Command	N/A
Displays	N/A
Off Execute	N/A
On Execute	N/A
Link	N/A
Levels	10
Mode	1
Channel A	1
Channel B	Unused

Properties of Dome Lights

Figure 23



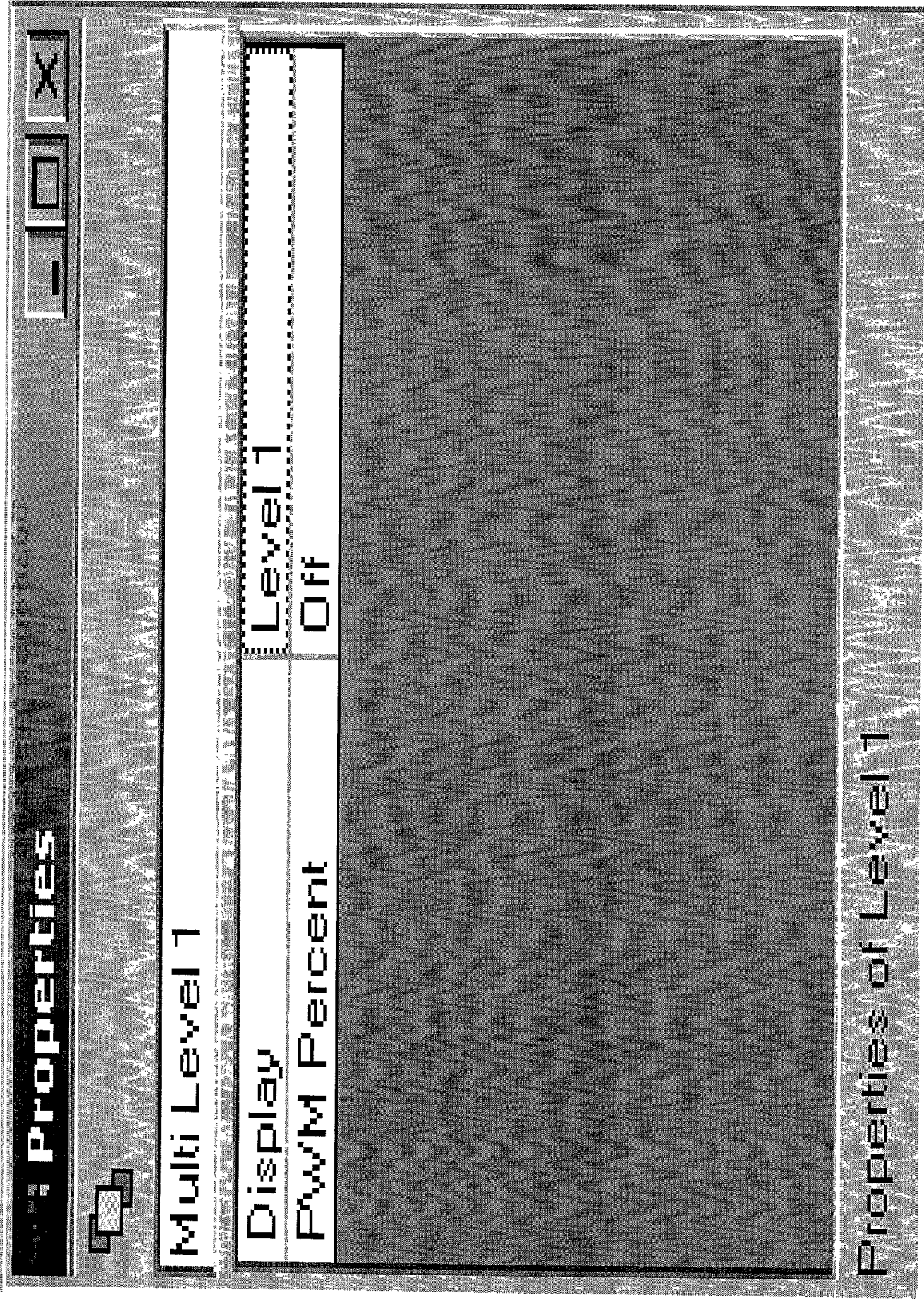


FIGURE 25

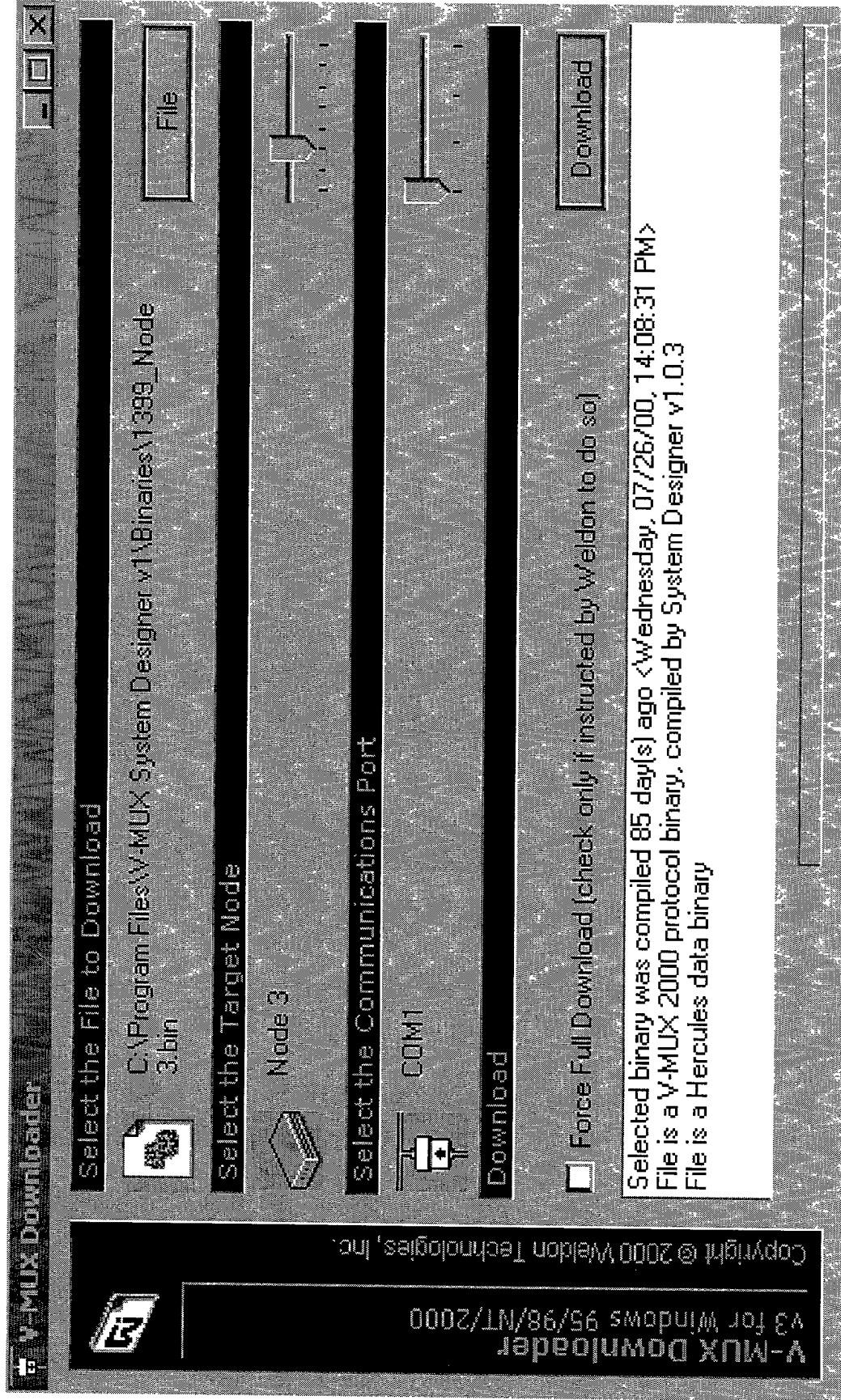


Figure 26